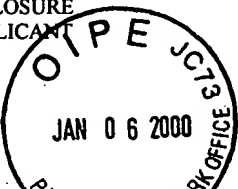


#5

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY DOCKET NO.	SERIAL NO.
	18333-0020	09/236,057
	APPLICANT	
	Hugh et al.	
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U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Sh</i>	AA	4,974,173	11/27/90	Stefik et al.	364	521	02/22/90
	AB	5,220,657	06/15/93	Bly et al.	395	425	04/15/91
	AC	5,459,831	10/17/95	Brewer et al.	395	155	10/06/94
	AD	5,506,937	04/09/96	Ford et al.	395	12	04/02/93
<i>V</i>	AE	5,555,354	09/10/96	Strasnick et al.	395	127	03/23/93

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUBCLASS	TRANSLATION YES/NO
<i>Sh</i>	AF	0 273 435 A2	07/06/88	EPO	Barrett et al.	G06F 15	40	Yes
<i>Sh</i>	AG	0 325 777 A2	08/02/89	EPO	Wei et al.	G06F 11	30	Yes
<i>Sh</i>	AH	DE 44 40 598 C1	05/23/96	Germany	Krasle	G06F 3	16	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Sh</i>	AI	Halasz et al., "NoteCards in a Nutshell", 1987, pp. 45-52, ACM
<i>Sh</i>	AJ	Carolyn L. Foss, "Tools For Reading And Browsing Hypertext", 1989, pp. 407-418, <i>Information Processing & Management</i> , Vol. 25, No. 4
<i>Sh</i>	AK	Olsen et al., "Visualization of a Document Collection: The Vibe System", Vol. 29, No. 1, January 1993, pp. 69-81, <i>Information Processing & Management</i> .
<i>Sh</i>	AL	Kent, et al., "Creating A Web Analysis and Visualization Environment", Vol. 1, No. 28, December 1995, pp. 109-117, <i>Computer Networks and ISDN Systems</i>
<i>Sh</i>	AM	Carr et al., "Open Information Services", Vol. 28, No. 11, May 1996, pp. 1027-1036, <i>Computer Networks and ISDN Systems</i>

EXAMINER <i>Sax</i>	DATE CONSIDERED <i>3/01</i>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.